

Message Text

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PAGE 01 STATE 037254
ORIGIN EB-08

INFO OCT-01 ISO-00 DODE-00 NSAE-00 USIA-06 TRSE-00 ERDA-05
CIAE-00 COME-00 EUR-12 ACDA-07 OES-06 /045 R

DRAFTED BY EB/ITP/EWT - LROSS:JAS
APPROVED BY EB/ITP/EWT - RPRACHT
COMMERCE/OEA - CSEASWORD
DEFENSE/OSD - DSCHROEDER
RPE

-----180830 090342 /21

R 172307Z FEB 77
FM SECSTATE WASHDC
TO USMISSION OECD PARIS

C O N F I D E N T I A L STATE 037254

EXCON

E.O. 11652: XGDS-1

TAGS: ESTC, COCOM, BU, CA

SUBJECT: CANADIAN MAGNETOMETER TO BULGARIA--IL 1571

REF: A) OECD PARIS 3214, B) COCOM DOC (76) 1699

1. OBJECT. MRM-1 IS SUPERIOR IN RANGE AND OTHERWISE COMPAR-
ABLE TO THE SUBMARINE ANOMALY DETECTION EQUIPMENT UTILIZED
BY THE US NAVY. IT EMBODIES CURRENT STATE-OF-THE-ART TECH-
NOLOGY. THE TECHNOLOGY AND MANUFACTURING TECHNIQUES OF THE
MRM-1 ARE EXTRACTABLE. END USE COULD BE PERFORMED WITH A
LESS ADVANCED MAGNETOMETER.

2. FYI DEPARTMENT ASKED DOD FOR COMPARISON OF SUBJECT MRM-1
WITH G-803 MAGNETOMETERS INCLUDED IN US CASE (76) 257. WE
HAVE BEEN ADVISED THAT THE SENSITIVITY OF G-803 AND MRM-1
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PAGE 02 STATE 037254

VARIES ONLY SLIGHTLY, OUT THAT THE SIGNIFICANCE IS IN THE
MEASURING TECHNIQUE OF THE TWO SYSTEMS. G-803 IS A PULSED
PROTON DEVICE AND IS A GEOPHYSICAL SURVEY INSTRUMENT OF OB-
SERVATORY QUALITY. ITS UTILIZATION IN AIRBORNE ASW (I.E.
MAGNETIC ANOMALY DETECTORS ON ASW AIRCRAFT) WOULD HAVE LITTLE
STRATEGIC SIGNIFICANCE BECAUSE DATA RATES, SENSITIVITY AND
SUSCEPTIBILITY TO MOTION INDUCED NOISE WOULD SERIOUSLY LIMIT

THE APPLICABILITY OF SUCH A DEVICE IN THE ASW ENVIRONMENT.
PULSED PROTON DEVICES CANNOT EASILY BE CONVERTED TO CONTINU-
OUS PRECESSION PROTON DEVICES FOR MILITARY PURPOSES. MRM-1
IS A CONTINUOUS PRECESSION PROTON DEVICE.
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NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: MEASURING INSTRUMENTS, STRATEGIC TRADE CONTROLS
Control Number: n/a
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Sent Date: 17-Feb-1977 12:00:00 am
Decaption Date: 01-Jan-1960 12:00:00 am
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 22 May 2009
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1977STATE037254
Document Source: CORE
Document Unique ID: 00
Drafter: LROSS:JAS
Enclosure: n/a
Executive Order: X1
Errors: N/A
Expiration:
Film Number: D770058-0383
Format: TEL
From: STATE
Handling Restrictions: n/a
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Legacy Key: link1977/newtext/t19770229/aaaabaie.tel
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Litigation History:
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Original Classification: CONFIDENTIAL
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 2
Previous Channel Indicators: n/a
Previous Classification: CONFIDENTIAL
Previous Handling Restrictions: n/a
Reference: 77 OECD PARIS 3214
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 01-Mar-2005 12:00:00 am
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 3288304
Secure: OPEN
Status: NATIVE
Subject: CANADIAN MAGNETOMETER TO BULGARIA--IL 1571
TAGS: ESTC, BU, CA, COCOM
To: OECD PARIS
Type: TE
vdkgvwkey: odb://SAS/SAS.dbo.SAS_Docs/33b0ffc4-c288-dd11-92da-001cc4696bcc
Review Markings:
Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
22 May 2009
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009